AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (currently amended): A suction-cleansing device comprising:

a vessel body whose profile has a shape that is at least one of cannonball-like, circular-truncated, half-spherical, and shaped so as to have a swelled part at the rear, said vessel body having a hollow portion whose profile is converged from its rear part side to its front part side;

an air/liquid jetting port secured at the front end portion of said vessel body;

a liquid-introducing pipe connected to ~~the~~ a circumferential wall of the rear part side of said vessel body in the tangential direction;

an air/liquid jet-guiding portion that is disposed at the outer circumferential portion of said air/liquid jetting port ~~and~~, is widened to open from said air/liquid jetting port toward the jetting direction and is formed to be at least one of circular-truncated, half-spherical, and disk-shaped; and

a flow-out portion composed of at least one of: notches provided in the front end portion of the air/liquid jet guiding portion and ports formed at the front part side of the air/liquid jet guiding portion.

2. (currently amended): The suction-cleansing device as set forth in Claim 1, including an air self-suction port that is opened and formed on the rear wall of said vessel body and at a position deviated from at least one of: the axial center of said vessel body ~~or~~ and ~~from~~ an air axis formed in said vessel body ~~on the rear wall of said vessel body~~.

3. (currently amended): The suction-cleansing device as set forth in Claim 2, including a rotating member that is attached by being screwed in a threaded portion or being fitted to a fitting portion, which is opened and formed at the rear wall of said vessel body and is ~~provided, in a covered manner,~~ rotatably provided in a covered manner at the rear wall, centering around the position deviated from the axial center of said vessel body or the air axis formed in said vessel body, wherein said air self-suction port is formed on said rotating member and formed at a position deviated from the rotating axis of said rotating member.

4. (currently amended): The suction-cleansing device as set forth in Claim ~~2 or~~ 3, including a tank portion, provided so as to cover said rear wall of said vessel body or said rotating member, which supplies air via said air self-suction port, and an air introducing port secured at said tank portion.

5. (withdrawn): The suction-cleansing device as set forth in Claim 1, including a water stream jetting nozzle portion whose tip end side is projected so as to be narrowed in its diameter from the rear part wall side of said vessel body and tip end opening portion is disposed inside said air/liquid jetting port, a plug-shaped, conically-shaped or inverted conically-shaped water stream regulating member disposed in the vicinity of the tip end of the nozzle via a rod-like supporting member inserted into said water stream jetting nozzle portion; and a position regulating and fixing portion, provided at the rear part wall side of said vessel body, which supports the base end side of said supporting member so as to advance and retreat or to be fixed.

6. (withdrawn): The suction-cleansing device as set forth in any one of Claims 1 through 5, including an inclined portion whose diameter is increased at a prescribed angle toward the jetting side on the inner circumferential wall of said air/liquid jetting port, and a flattened portion formed in contact with the front of said inclined portion.

7. (withdrawn): The suction-cleansing device as set forth in any one of Claims 1 through 6, including a flow-out portion provided by cutting off the front side edge portion of said air/liquid jet-guiding portion or opened to the front part side of said air/liquid jet-guiding portion.

8. (withdrawn): The suction-cleansing device as set forth in any one of Claims 1 through 7, including a splash-preventing portion circumferentially provided toward the rear of the front side edge portion of said air/liquid jet-guiding portion.

9. (withdrawn): The suction-cleansing device as set forth in Claim 7, including a water stream collecting portion for collecting streams of water discharged from the flow-out portion of said air/liquid jet-guiding portion.

10. (withdrawn): The suction-cleansing device as set forth in Claim 9, including a flow-out regulating portion whose base end is rotatably disposed by means of a hinge on the circumferential edge portion of said air/liquid jet-guiding portion and whose roughly half-spherical circumferential edge portion shields the flow-out portion of said air/liquid jet-guiding portion.

11. (withdrawn): A cleansing apparatus comprising a suction-cleansing device as set forth in any one of Claims 1 through 10, and a pump for supplying a cleansing liquid into said liquid-introducing pipe of said suction-cleansing device.

12. (withdrawn): The cleansing apparatus as set forth in Claim 11, wherein a pump air self-suction port for suctioning air is provided in a suction pipe for supplying a cleansing liquid, which is attached to the suction side of said pump.

13. (new): The suction-cleansing device as set forth in claim 1, wherein water flows out of the notches of the flow-out portion, creating suction at the air/liquid jetting port.

14. (new): The suction-cleansing device as set forth in claim 2, including a tank portion, provided so as to cover said rear wall of said vessel body, which supplies air via said air self-suction port, and an air introducing port secured at said tank portion.

15. (new): A suction-cleansing device comprising:

a vessel body having a hollow portion whose profile is converged from its rear part side to its front part side;

an air/liquid jetting port secured at the front end portion of said vessel body;

a liquid-introducing pipe connected to a circumferential wall of the rear part side of said vessel body in the tangential direction;

an air/liquid jet-guiding portion that is disposed at the outer circumferential portion of said air/liquid jetting port and is widened to open from said air/liquid jetting port toward the jetting direction;

a flow-out portion composed of at least one of: notches provided in the front end portion of the air/liquid jet guiding portion and ports formed at the front part side of the air/liquid jet guiding portion;

an air self-suction port that is opened and formed at a position deviated from the axial center of said vessel body or from an air axis formed in said vessel body on the rear wall of said vessel body; and

a tank portion, provided so as to cover said rear wall of said vessel body, which supplies air via said air self-suction port, and an air introducing port secured at said tank portion.

16. (new): A suction-cleansing device comprising:

a vessel body having a hollow portion whose profile is converged from its rear part side to its front part side;

an air/liquid jetting port secured at the front end portion of said vessel body;

a liquid-introducing pipe connected to a circumferential wall of the rear part side of said vessel body in the tangential direction;

an air/liquid jet-guiding portion that is disposed at the outer circumferential portion of said air/liquid jetting port and is widened to open from said air/liquid jetting port toward the jetting direction;

a flow-out portion composed of at least one of: notches provided in the front end portion of the air/liquid jet guiding portion and ports formed at the front part side of the air/liquid jet guiding portion;

an air self-suction port that is opened and formed at a position deviated from the axial center of said vessel body or from an air axis formed in said vessel body on the rear wall of said vessel body;

a rotating member that is attached by being screwed in a threaded portion or being fitted to a fitting portion, which is opened and formed at the rear wall of said vessel body and is provided, in a covered manner, rotatably provided in a covered manner, centering around the position deviated from the axial center of said vessel body or the air axis formed in said vessel body, wherein said air self-suction port is formed at a position deviated from the rotating axis of said rotating member; and

a tank portion, provided so as to cover said rear wall of said vessel body or said rotating member, which supplies air via said air self-suction port, and an air introducing port secured at said tank portion.